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(71) Applicant (for all designated States except US): NA-
TIONAL UNIVERSITY OF SINGAPORE [SG/SG];
10 Kent Ridge Crescent, Singapore 119260 (SG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JEYASEELAN,
Kandiah [LK/AU]; 18 Mulsanne Way, Donvale, VIC
3111 (AU). ARMUGAM, Arunmozhiarasi [MY/SG];
c/o National University of Singapore, 10 Kent Ridge
Crescent, Singapore 119260 (SG). CHAI, Siaw Ching
[MY/SG]; c/o National University of Singapore, 10 Kent
Ridge Crescent, Singapore 119260 (SG). RAMKISHEN,

Prabhakaran Nair [SG/SG]; Block 29, Marine Crescent
#07-25, Singapore 440029 (SG). GOPALAKRISH-
NAKONE, Ponnampalam [SG/SG]; 96 Toh Yi Drive,
Singapore 596552 (SG). TAN, Kwong Huat, Benny
[SG/SG]; 10 Coronation Drive, Singapore 269565 (SG).

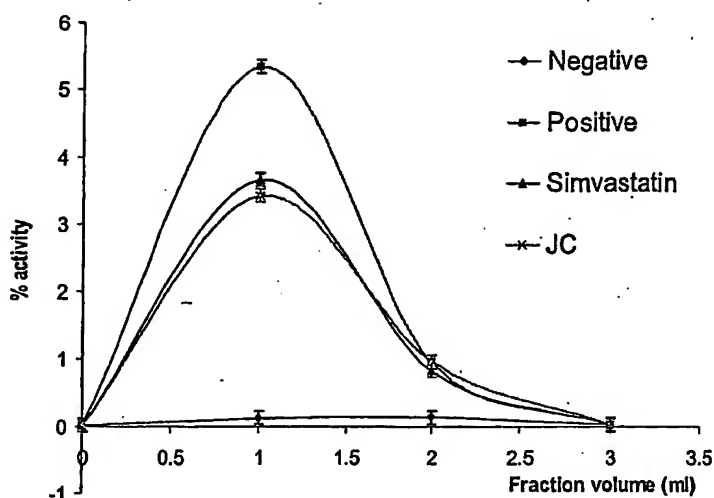
(74) Agent: MATTEUCCI, Gianfranco; Lloyd Wise, Tanjong
Pagar, P.O. Box 636, Singapore 910816 (SG).

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[Continued on next page]

(54) Title: CHOLESTEROL BIOSYNTHESIS PATHWAY MODULATORS AND USES THEREOF



(57) Abstract: An isolated peptide comprising the amino acid sequence of SEQ ID NO: 2, or a variant, derivative and/or fragment thereof having the function of HMGCoA reductase inhibitor, phosphomevalonate inhibitor, reducing the accumulation of cholesterol in the cholesterol biosynthesis pathway and/or reducing the level of serum cholesterol. Also disclosed is a pharmaceutical composition comprising the peptide having sequence SEQ ID NO:2 or a variant, derivative and/or fragment thereof. Also disclosed is a method for treatment or prophylaxis of disorders characterised by the accumulation of cholesterol, its by-products and/or related lipid derived products, comprising administering to a subject in need at least one peptide comprising the amino acid sequence of SEQ ID NO: 2, or a variant, derivative and/or

fragment thereof.

WO 2004/108928 A1



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